

Amendments to the Claims:

1-39 (withdrawn)

40. (currently amended) A system for provisioning a service comprising:

~~a computer operatively connected to a communications network; capable of displaying cable service options and receiving service related input data from a user, the computer capable of generating a first provisioning message with a first format including the service related input data; and~~

an Internet Service Provisioning Gateway (~~IPSG~~) (ISPG) operatively connected to ~~the a~~ communications network, capable of hosting a web site accessed by a user at a computer connected to the communications network wherein the ISPG is configured to provide ~~providing the~~ cable service options to the computer and receiving ~~the a~~ first provisioning message comprising service related input data entered by the user comprising a user identifier and a host identifier, the ~~IPSG~~ ISPG capable of generating a second provisioning message ~~having a second format~~ including the service related input data, ~~a the~~ user identifier, and a the host identifier; and

~~to~~ an enhanced services system (ESS) operatively connected to the ~~IPSG~~ ISPG receiving said second provisioning message, said ESS using said host identifier to ascertain a host file associated with a host type, said host type determined in part by said host identifier, the host file used to identify a host protocol file used for generating a message for provisioning a host identified by said host identifier.

41. (currently amended) The system of claim 40 wherein the second provisioning message further includes a host manufacturer identifier and a host model identifier.

42. (original) The system of claim 40 wherein the second provisioning message further includes a conditional access module identifier.

43. **(cancelled)**

44. **(currently amended)** The system of claim ~~43~~ 40 wherein the host file contains a configuration message associated with the host type, the configuration message further associated with a service identified by the service related input data.

45. **(original)** The system of claim 40 wherein the ESS is capable of generating a legacy based command to a cable headend.

46. **(original)** The system of claim 45 wherein the legacy based command initializes a host.

47. **(original)** The system of claim 40 wherein the ESS is capable of generating a third provisioning message that is received by a host on a cable network.

48. **(currently amended)** The system of claim 40 wherein the ~~IPSG~~ ISPG is operatively connected to a location serviceability database.

49. **(original)** The system of claim 48 wherein the location serviceability database receives location data associated with the user and selects at least one cable system provider based on the location data.

50. **(currently amended)** The system of claim 40 wherein the ~~IPSG~~ ISPG is capable of selecting one of a plurality of ESSs operatively connected to the ~~IPSG~~ ISPG, the selection determined in part on data received from the computer.

51. **(currently amended)** A system for provisioning a service in a cable system comprising:

~~a computer operatively connected to the Internet and capable of accessing a web site; the computer capable of displaying service options and receiving service related input data from a cable subscriber;~~

an Internet Service Provisioning Gateway (~~IPSG~~) (ISPG) operatively connected to the Internet, capable of hosting ~~the a~~ web site, the web site configured to receive service related input data from a cable subscriber at a computer connected to the Internet and provide ~~providing~~ cable service ~~options data~~ to be displayed on the computer, the ~~IPSG~~ ISPG configured to receive ~~receiving~~ from the computer both said service related input data and cable subscriber location data wherein said service related input data comprises an indication of the user's host type, the ~~IPSG~~ ISPG configured to generate ~~generating~~ a first provisioning message having a first format including the cable subscriber location data and said indication of the user's host type; and

a serviceability database operatively connected to the ~~IPSG~~ ISPG to receive the first provisioning message, the serviceability database containing a plurality of cable service provider location data and a plurality of cable service provider identifiers wherein each cable service provider identifier is further associated with at least one host type identifier, the serviceability database capable of receiving the cable subscriber location data and selecting a cable service provider identifier compatible with said subscriber location data and said indication of the user's host type, the serviceability database further capable of generating a second provisioning message including at least one cable service provider identifier ~~service related input data~~ and at least one associated host type identifier.

52. **(currently amended)** The system of claim 51 wherein ~~the an~~ enhanced services system is operatively connected to the ~~IPSG~~ ISPG and is capable of receiving ~~receives~~ a third provisioning message containing the service related input data, the ESS further capable of receiving a

subscriber identifier and selecting a host file based in part on the host type identifier and the service related input data, the ESS configured to transmit ~~generating~~ a configuration message to a the user's host, wherein the configuration message is derived from the host file.

53. **(currently amended)** The system of claim 51 wherein the ESS is further configured to authenticate ~~further authenticates~~ the third provisioning message received from the ~~IPSG~~ ISPG prior to generating the configuration message.

54-106 **(withdrawn)**

107. **(currently amended)** A method of provisioning a cable service, comprising:
~~receiving cable subscriber identification data as input data from a computer at a web site;~~
receiving service related data from ~~the a cable subscriber using a first computer to access~~
a at the web site, wherein said service related data comprises a cable subscriber identification data and service related data for services requested by the user;

generating a first provisioning message with a first format at a second computer hosting the web site, the first provisioning message containing the cable subscriber identification data and the service related data;

receiving the first provisioning message at an enhanced services system comprising a database storing a file maintaining an association of cable subscribers and their respective host types;

determining in the enhanced services system a host type associated with the cable subscriber identification data;

selecting a host file in the enhanced services system based on the host type and the service related data;

generating a host-specific configuration message based on a host protocol file wherein the host protocol file is associated with the host type; and

sending the host-specific configuration message to a host associated with the cable subscriber.

108. **(currently amended)** A method for provisioning comprising:

receiving at a web site cable subscriber identification data, host identification data, and cable service data from a cable subscriber;

determining an enhanced services system based on the cable subscriber identification data;

generating a provisioning message to the enhanced services system including the cable subscriber identification data, the cable service data, and the host identification data;

selecting one from a plurality of ~~host-specific~~ host files stored in the enhanced services system, the ~~host-specific~~ host file associated with both the cable service data and a host type wherein the host type is determined from the host identification data;

generating a configuration message ~~from the host-specific file~~ specific for the host type;
and

communicating the configuration message from the enhanced services system to a host associated with the cable subscriber identifier.

109. **(currently amended)** The method of claim 108 wherein the web site is hosted by an Internet Provisioning Service Gateway (~~IPSG~~) ISPG that selects the enhanced services system from a plurality of enhanced services systems based on the cable subscriber identification data.

110. **(original)** The method of claim 108 where the provisioning message includes a conditional access identifier data.

111. **(original)** The method of claim 108 wherein the cable service data pertains to a digital video program offered on a cable network.

112. **(original)** The method of claim 109 wherein the cable service data pertains to high speed Internet access.

113. **(original)** A method for provisioning comprising:

receiving service related data at a computer;

receiving host type data at the computer, the host type data indicating a host manufacturer and a host model associated with the host manufacturer;

receiving subscriber identification data and subscriber location data at the computer;

transmitting the service related data, the subscriber location data, the subscriber identification data, and host type data to an Internet Service Provisioning Gateway (ISPG);

selecting one of a plurality of destination systems based on the location data; authenticating the ISPG to a destination system; and

transmitting a provisioning message from the ISPG to the destination system, the provisioning message including the host type data, service related data, and subscriber identification data.

114. **(currently amended)** A method for provisioning a cable service comprising:

receiving at an Internet Service Provisioning Gateway (ISPG) cable subscriber identification data, a host type, and cable subscriber location data, the cable subscriber location data identifying a residential location;

generating a message to a serviceability database including the cable subscriber location data and the host type;

receiving at the ISPG from the serviceability database at least one service provider identifier and a service offering identifier associated with the at least one service provider identifier;

receiving at the ISPG from a provisioning input system a service selection to be provisioned using the service provider identifier, the service selection corresponding the service offering identifier; and

generating at least one provisioning message to a service provider associated with the service provider identifier, wherein the at least one provisioning message includes the cable subscriber identification data, the host type, and service offering identifier.

115. **(currently amended)** The method of provisioning in claim 114 wherein the one provisioning message is received at an ESS enhanced service system ("ESS") associated with the service provider

116. **(original)** The method of provisioning in claim 114 wherein the one provisioning message is received at a billing system associated with the service provider.

117 – 120 **(withdrawn)**

121. **(currently amended)** A method of provisioning comprising:

receiving at a provisioning input system a host type and a location data associated with a user;

determining a cable network provider for the user based on the location data and the host type;

determining a service offering associated with the cable network provider wherein the service offering is further associated with the host type;

generating a first message with a first format from the provisioning input system including a cable network provider identifier, a service offering identifier, and a user identifier;

receiving the first message from the provisioning input system at an Internet Service Provisioning Gateway (~~IPSG~~) (ISPG);

generating a second message from the ~~IPSG~~ ISPG to an enhanced services system, the second message having a second format, the second message containing the cable network provider identifier, the service offering identifier, and the user identifier;

selecting at the enhanced services system a host protocol file based on the service offering and the host type; and

sending a configuration message derived from the host protocol file to a host associated with the user.

122. **(original)** The method of claim 121 where the host type is determined in part using the user identifier.

123. **(original)** The method of claim 121 where the host type is determined by a parameter contained in the second message.

124. **(currently amended)** The method of claim 121 where the ~~IPSG~~ ISPG determines the

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enhanced services system based on the cable network provider.

125- 130 **(withdrawn)**